

IN THE SPECIFICATION:

Following the last page of the specification as originally filed, please replace the Sequence Listing with the accompanying Substitute Sequence Listing.

Please amend the specification as follows:

On page 14, please replace (or rewrite) line 12 with the following:

B1 ~~Figure 2:~~ Nucleotide sequence (SEQ ID NO:12) of the *senX3* and ~~the~~

On page 14, please replace (or rewrite) line 14 with the following:

B2 sequences: nucleotides 3 to 119 is the open reading frame (ORF) for PgmY amino acid sequence (SEQ ID NO:19); nucleotides 296 to 1528 is the ORF for the SenX3 amino acid sequence (SEQ ID NO:20); and nucleotides 1679 to 2362 is the ORF for the RegX3 amino acid sequence (SEQ ID NO:21). The arrows indicate palindromic sequences.

On page 14, please replace (or rewrite) line 34 with the following:

B3 region between the BCG (IPP) (nucleotides 1516-1689 of SEQ ID NO:12) and *M. tuberculosis* (IPL) (SEQ ID NO:13)

On page 14, please replace (or rewrite) line 37 with the following:

B4 inferred protein sequences. The intercistronic region of BCG contains two open reading frames (ORFs): (1) nucleotides 1525-1602 of SEQ ID NO:12 is the ORF for SEQ ID NO:14 and (2) nucleotides 1602-1679 of SEQ ID NO:12 is the ORF for SEQ ID NO:15. The intercistronic region of *Mycobacterium tuberculosis* contains three ORFs: (1) nucleotides 10-87 of SEQ ID NO:13 is the ORF for SEQ ID NO:16, (2) nucleotides 87-164 of SEQ ID NO:13 is the ORF for SEQ ID NO:17, and (3) nucleotides 164-217 of SEQ ID NO:13 is the ORF for SEQ ID NO:18.